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Product datasheet for RC200229L4V

Calnexin (CANX) (NM_001746) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Calnexin (CANX) (NM_001746) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Calnexin
Synonyms:	CNX; IP90; P90
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001746
ORF Size:	1776 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200229).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001746.3
RefSeq Size:	4953 bp
RefSeq ORF:	1779 bp
Locus ID:	821
UniProt ID:	P27824
Cytogenetics:	5q35.3
Domains:	calreticulin
Protein Families:	Druggable Genome, Transmembrane

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Protein Pathways: Antigen processing and presentation

MW: 67.6 kDa

Gene Summary: This gene encodes a member of the calnexin family of molecular chaperones. The encoded protein is a calcium-binding, endoplasmic reticulum (ER)-associated protein that interacts transiently with newly synthesized N-linked glycoproteins, facilitating protein folding and assembly. It may also play a central role in the quality control of protein folding by retaining incorrectly folded protein subunits within the ER for degradation. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jun 2018]

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